

**ARIZONA GAME AND FISH DEPARTMENT  
HABITAT PARTNERSHIP COMMITTEE  
HABITAT ENHANCEMENT AND WILDLIFE MANAGEMENT  
PROPOSAL**

Game Branch / HPC Project Number:	14-603
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**PROJECT INFORMATION**

**Project Title:** Bar X Pipeline

**Region and Game Management Unit:** Region 6, GMU 23N

**Local Habitat Partnership Committee (LHPC):**

- Payson Natural Resources Committee

**Was the project presented to the LHPC?**

**YES**☒ **NO**☐

**Has this project been submitted in previous years?** YES☐ NO☒

**If Yes, was it funded?** YES☐ NO☐ → **Funded HPC Project #(s):**

**Project Type:** Water development

**Brief Project Summary:** This project on the Bar X allotment will install pipeline from a well with a solar pump on Pine Creek to a drinker and a storage tank.

**Big Game Wildlife Species to Benefit:** elk (35%), mule deer (30%), whitetail deer (20%), turkeys (15%)

**Implementation Schedule** (Month/Day/Year):

Project Start Date:

3/2015

Project End Date:

7/2015

**Environmental Compliance:**

NEPA Completed: Yes☒ No☐ N/A☐

Projected Completion Date: \_\_\_\_\_

State Historic Preservation Office - Archaeological Clearance:

Yes☒ No☐ N/A☐

Projected Completion Date: \_\_\_\_\_

Arizona Game and Fish Department EA Checklist: N/A☒

To be Completed by: \_\_\_\_\_

Projected Completion Date: \_\_\_\_\_

**PROJECT FUNDING**

**Special Big Game License Tag Funds Requested:**

**\$ 10,000**

**Cost Share or Matching Funds:**

**\$ 2,750**

**Total Project Costs:**

**\$ 12,750**

**PARTICIPANT INFORMATION**

**Applicant** (please print):

Dave Daniels

**Address:**

7200 E. University  
Mesa, AZ 85207

**E-mail:**

ddaniels@azgfd.gov

**Telephone:** 480-528-8774

**Date:** 8/21/2014

**AGFD Contact and Phone No.** (If applicant is not AGFD personnel):

**Project has been coordinated with:**

AZGFD, Tonto National Forest, Bar X Ranch

**NEED STATEMENT – PROBLEM ANALYSIS:**

This project on the Bar X allotment will install pipeline from an existing well with a solar pump on Pine Creek to a drinker and a storage tank about a mile northeast of the well. This drinker will provide a vital perennial water source to the wildlife that utilize the area. The next nearest perennial water source is 2.5 miles away at Pine Creek.

**PROJECT OBJECTIVES:**

The objective of this project is to provide a perennial water source for wildlife.

**PROJECT DESCRIPTION AND STRATEGIES:**

This project will install about a mile of pipeline from a well with a solar pump to a new drinker and storage tank. The pipeline will be laid on the surface of the soil and will carry water to a new storage tank. The storage tank will then feed a new drinker.

**PROJECT LOCATION:**

Pine Creek, Bar X allotment

New drinker location: NAD83 UTM's 504919mE, 3781399mN

**LAND OWNERSHIP AT THE PROJECT SITE(S):**

(if the project area is private property, please state specifically and provide the landowner's name)

- Land is managed by the United States Forest Service, Tonto National Forest, Pleasant Valley Ranger District

*IF PRIVATE PROPERTY, IS THERE A COOPERATIVE BIG GAME STEWARDSHIP or LANDOWNER AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?*

YES[] NO[] N/A[X]

**HABITAT DESCRIPTION:**

The plant community in the area is primarily grassland and pinon/juniper woodland at an average elevation of 5000 feet above sea level. Species include various grasses, alligator juniper, pinon pine, and oak brush.

**ITEMIZED USE OF FUNDS:**Special Big Game License Tag Funds

\$10,000 – pipe, drinker, storage tank

Cost Share or Matching Funds (for volunteer labor rates please refer to the worksheet below)

\$950 – Bar X Ranch will provide all labor to install pipe, drinker, and storage tank

\$800 – AZGFD will provide in-kind contributions in the form of labor for contract administration, project origination, and project coordination

\$1,000 – USFS, TNF, PVRD will provide administrative support in the form of necessary clearances and will provide a letter of approval for implementation of project

**LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:****Special Big Game Funds:**

- Provide funding for pipe, drinker, and storage tank

**AZGFD:**

- Provide in-kind contributions in the form of labor for contract administration, project origination, and project coordination

**USFS:**

- Provide administrative support in the form of necessary clearances
- Provide letter of approval for implementation of project

**Bar X Ranch:**

- Provide all necessary labor for to install pipe, drinker, and storage tank

**Payson Natural Resources Committee:**

- Review project

**WOULD IMPLEMENTATION OF THIS PROJECT ASSIST IN PROVIDING, MAINTAINING, OR FACILITATING RECREATIONAL ACCESS?**

YES[X] NO[] N/A[]

**PROJECT MONITORING PLAN:**

The project proponent will ensure project completion with coordination between the AZGFD and the Bar X Ranch.

This area will be surveyed by the AZGFD and will be monitored for wildlife use.

**PROJECT MAINTENANCE:**

Project will be continually maintained by the Bar X Ranch

**PROJECT COMPLETION REPORT TO BE FILED BY:**

The project proponent is responsible for completing the project completion report

**WATER DEVELOPMENT PROJECTS** *(please use the worksheet below):*

**TREE CLEARING/REMOVAL PROJECTS** *(please use the worksheet below):*

## **ARIZONA GAME AND FISH DEPARTMENT** **WATER DEVELOPMENT WORKSHEET**

PROJECT TITLE: Bar X Pipeline

- 1) **Is the water development listed as a priority in the most recent “Wildlife Water Development Annual Implementation Schedule?”**

The project was not presented to the development branch

- 2) **Please list the Development Branch personnel and date coordinated with for this project.**

The project will not require the use of development branch personnel

- 3) **What is the estimated annual inches of precipitation for the area? (mark one)**

☐2-4   ☐4-6   ☐6-8   ☐8-10   ☐10-12   ☐12-14   ☐14-16   ☒ >16

- 4) **Is there a perennial water source available to big game within four miles of this project?**

YES☒ (please complete #5 below)   NO☐ (skip #5 below)

- 5) **For the accessible, perennial water source nearest this project:**

Name of water source: McInturf Spring

Type of water source (catchment, spring, dirt tank): spring

Ownership of water source: USFS

Distance in miles from project: 2.5 miles

- 6) **Is the target wildlife species a result of transplant efforts? YES☐   NO☒**

- 7) **Please list any special land management status for the project site (i.e. Wilderness, National Park, National Monument). If private land, list landowner.**

- 8) **Please provide the following information about access to the proposed site:**

Type of access (mark one): ☒2x4 vehicles   ☐4x4 only   ☐foot only\*\*

\*\*If foot access only: Distance in miles: \_\_\_\_\_   Approximate hiking time: \_\_\_\_\_

-- Does access to this site require crossing private or tribal lands? YES☐   NO☒

-- Please describe any restrictions to public access: None

- 9) **Please list below (or on a separate sheet) the material type and dimensions of each component proposed to be added, modified, or repaired.**

2- 3000 gallon storage tanks

2- drinkers

- 10) **Was a site visit completed? Yes☒   No☐**

**DATE** – Andy Habgood (USFS)

**DATE** – Dave Daniels (AZGFD)

